



Fluid Concepts
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Pitchfork Type 1.2 Wakeboard Rack



Instruction Manual

Congratulations on your purchase of one of the premier wakeboard racks in the industry! This rack is designed to provide you years of service and satisfaction with the proper care and installation. Please read these instructions carefully. If at any time you have a question about the rack or installation, please call (800) 284-6615 and ask for technical assistance.

*******Important Safety Precautions*******
Please Read

- This rack is designed to hold two (2) wakeboards, surfboards, or wakeskates only.
- Do not use rack to tow other watercraft
- Do not use rack for anchoring or mooring
- Do not allow passengers to sit underneath or behind the rack when boat is in use
- Ensure all bolts and hardware are tightened before each use
- Do not use rack if hardware is missing or broken or if the rack shows any type of stress (cracks, broken welds, etc)
- When operating or towing boat with racks installed, be aware of low bridges, waterways, powerlines, trees, or other low objects that may come into contact with rack
- Do not allow passengers to sit on, climb on, jump off, or otherwise use rack other than for designed purpose
- Failure to adhere to these safety warnings and guidelines will void warranty and may cause personal injury or death

Unpack Contents:

Carefully unpack contents of boxes. Find a suitable area to lay the parts out and assemble (wood shop table or other soft work area). Please identify parts using the list below. Now is a good time to inspect parts for damage from shipping.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PF3 Fork	PF 1.2 Aluminum Wakeboard Fork	2
2	2 Inch Oval Clamp Set	Aluminum 2 Inch Oval Clamp Set	2
3	Shock cord surface mount	Shock cord surface mount	4
4	Rubber Insert PF3		2
5	Rubber Insert PF3		2
6	HX-SHCS 0.25-20X0.625X0.625-N	Stainless socket head cap screw 1/4" - 20 x 5/8"	4
7	PF3 Shock Cord Set	PF 1.2 Shock Cord Set .28 Dia.	1
8	Z4106SS	Stainless Binding post	2
9	CR-PHMS 0.138-32X0.3125X0.3125-C	Binding Post Screw	2

Exploded view for parts identification and assembly



DWG. NO.	REV
PFI_2_manual	
SCALE: 1:8	

Tools:

1. Phillips screwdriver, blade screwdriver
2. Hex key (3/16")
3. Thread Lock (Loctite Blue) ---optional

Rack Assembly:

Step 1: Install Shock Cords to Fork #1. Place the two forks on flat surface facing opposite directions with decal facing up (part# 1). Using a binding post (#8), locate and insert one end of the shock cord surface mount (#3) into the small hole in the groove inside the upper fork. Leave the other end for mounting on the 2nd Fork. See **Fig-1, Fig-2,** and **Fig-3.**

NOTE: One end of the shock cords mounts to first fork. The other end of the shock cord mounts to the second fork. The same applies for the second shock cord.

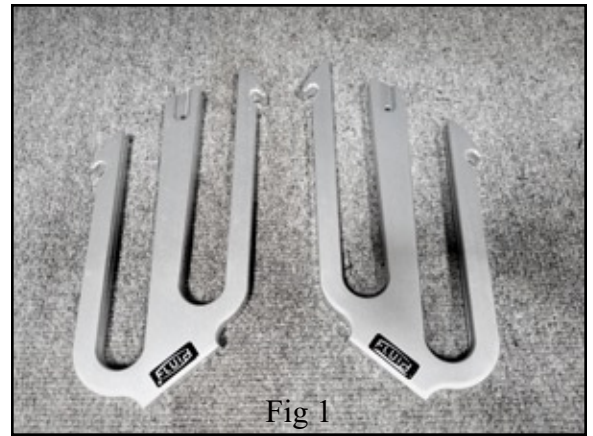


Fig 1



Fig 2

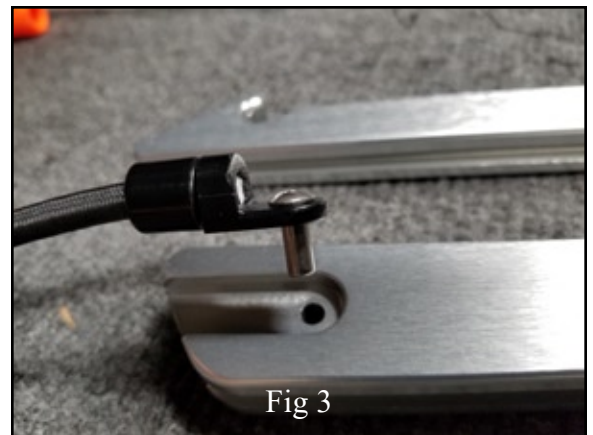


Fig 3

Step 2: Install 2nd Shock Cord: Locate and install the end of the 2nd shock cord to the opposite side of binding post. Insert stainless screw into binding post and loosely tighten. At this point, there should be 2 shock cord assemblies mounted to one fork. Tighten binding post screw at this point with two screwdrivers. See **Fig-4, Fig-5,** and **Fig-6.**

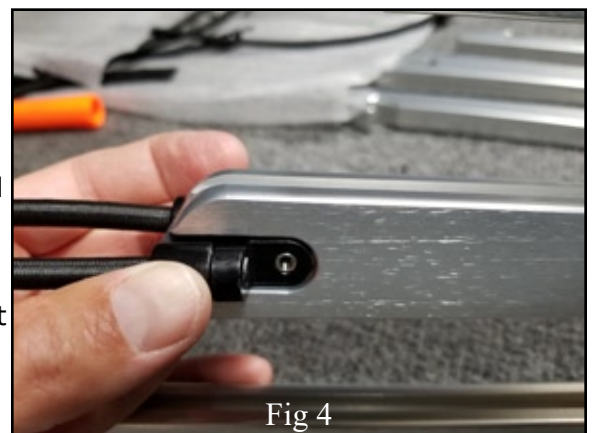


Fig 4



Fig 5

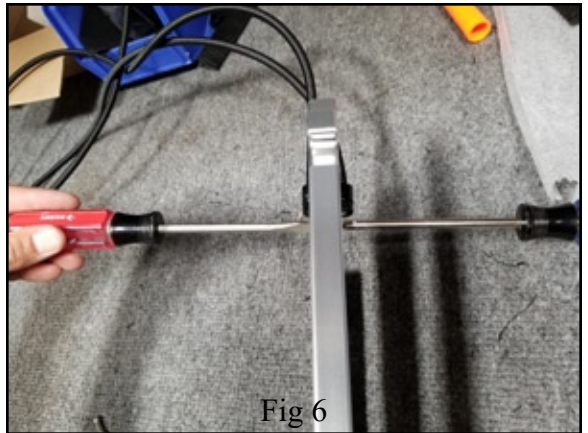


Fig 6

Step 3: Finish Cords. Repeat for 2nd fork. Be careful to not twist cords. Your cords should now look like **Fig-7**. Notice one cord is mounted on the inside of the forks and the other cord on the outside.

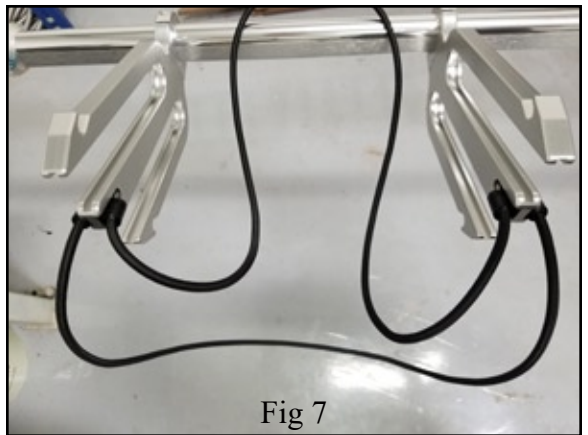


Fig 7

Step 4: Prepare racks for mounting. If the clamps (#2) are assembled before shipping, please disassemble by removing the 1/4" x 5/8" allen screws (#6). Install flat end of clamp to each fork using the allen screws provided (#6). Be careful to align the brush lines on the forks with the lines on the clamps. Tighten. You may use blue thread lock (optional). See **Fig-8** and **Fig-9**.



Fig 8



Fig 9

Step 5: Mounting racks to boat. Pick a location on your tower to mount the racks. Consider both ease of use, and accessibility. You will need at least 8"-12" of straight bar on the tower for both forks. It is recommended to gap the forks about 10". Gap in clamps are normal to accommodate variances in tube sizing. See **Fig-10** and **Fig-11**.



Fig 10

Instructions for Use: The Pitchfork board racks will fit various sizes of boards including wakeboards, wakeskates, and some wakesurf boards. Each board is secured with one strap.

1. Wakeboards can be secured using both catch points on each fork. Smaller boards can be stored securely by crossing the strap into an "X".
2. Larger boards such as surfboards can be secured by using a single catch on one fork.

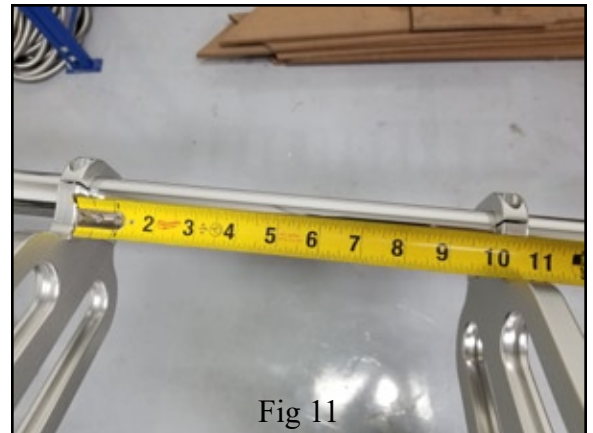


Fig 11

Care and Maintenance

Periodic maintenance: Wipe down surfaces with damp cloth. Soap and water may used to clean. Avoid harsh chemicals as they will damage the protective anodized coating.

5 Year Limited Warranty

We offer a 5 Year Warranty on our products along with a 30 day money-back guarantee. If you are not satisfied with our products in any way, return the item and we will refund your money!

Warranty Information

Fluid Concepts L.L.C. (Fluid) warrants to the original purchaser that this product will be free from defects in material and workmanship

under normal use for a period of five (5) years from date of original purchase from an authorized Fluid dealer. See exclusions for specific items not covered or with limited warranty. Should repair be necessary under this warranty for any reason due to a manufacturing defect or malfunction during the warranty period, Fluid will repair or replace (at its discretion) the defective product with equivalent product at no charge. Discontinued products may be replaced with equivalent products. Any applicable implied warranties are limited in duration to a period of the express warranty as provided herein beginning with the date of the original purchase at retail, and no warranties, whether express or implied, shall apply to this product thereafter. This warranty is limited to defects in material and workmanship, and it does not apply to loss of damage due to accident, misuse or negligence, or any cause occurring after delivery to the original purchaser.

Warranty Claims

Defective merchandise must be returned to your local authorized Fluid Dealer for warranty issues. To locate an Authorized Dealer please email or call Fluid Concepts direct. If the return of defective merchandise is necessary, call Fluid at (800) 284-6615 to obtain a Return Authorization (RA) number. Package all defective items in the original container or in a suitable package that will prevent shipping damage, and return to:

Fluid Concepts
134 E. Broadway Rd. #101
Mesa, AZ 85210

Include a dated proof-of-purchase from an Authorized Dealer. Warranty expiration on items returned without proof-of-purchase will be determined from the manufacturing date code. Freight must be prepaid; items received freight collect will be refused. Failure to follow these steps may void your warranty. Non-defective items received will be returned freight collect. Any warranty questions can be directed to the Fluid Concepts at (480) 609-1182.

Warranty Exclusions:

The following items have a limited warranty:

1. Rubber components (1 year)
2. Stretch cord (1 year)
3. Chrome finish (1 year)
4. Anodized finish (3 years)
5. Powder coated finish (2 years)

This warranty is valid only if the product is used for the purpose for which it was designed.

Fluid Warranty does not cover:

- Damage resulting from negligence, misuse, or accident
- Items physically damaged due to abuse
- Freight damage or mishandling
- Items previously repaired by any unauthorized repair facility
- Speakers with silicon caulking or tape used for gasket/sealing material
- Items returned by unauthorized individuals or dealers
- Return shipping of non-defective items
- Speakers damaged due to amplifier clipping or distortion or incorrect signals
- The cost of shipping product to Fluid Concepts
- Installation slips including screwdriver holes in speaker surrounds and scratched surfaces
- Normal wear-and-tear from use, storage, and transportation
- Damage caused by exposure to water and/or excessive heat
- Items damaged from cross-threading fasteners or improper installation tools and techniques.
- Damage resulting from items coming into contact with objects such as bridges, other boats, etc.